Carneiro, J.W.D.M., P.R. Seidl, J.G.R. Tostes, C.A. Taft, B.L. Hammond, M.M. Soto and	
W.A. Lester Jr., The effects of lone pairs on charge distribution in the tetracyclic nor-	202 (1002) 270
bornyl derivatives	202 (1993) 278
Carrington Jr., T., see A. McNichols	202 (1993) 464
Castro, L., see A. Laganà Cha M. D. Nahar, F.W. Emba S. Mittler Nahar and G. Stagaman, Datarmination of the	202 (1993) 284
Cha, M., D. Neher, F.W. Embs, S. Mittler-Neher and G. Stegeman, Determination of the two first non-trivial orientational order parameters in LB films of rod-like molecules by	
third-order sum frequency mixing	202 (1993) 44
Chan, TW.D., see P.Y. Yau	202 (1993) 93
Chandrashekar, T.K., see D. Reddy	202 (1993) 120
Chandrashekar, T.K., see R.P. Pandian	202 (1993) 127
Clementi, E., see O. Matsuoka	202 (1993) 13
Coitiño, E.L. and O.N. Ventura, Isomerization of the formaldehyde radical cation and the	(,
failure of MP2	202 (1993) 479
Colburn, A.W., see P.Y. Yau	202 (1993) 93
Comer, K.R. and S.C. Foster, Infrared spectroscopy of the products of a corona-excited	
supersonic expansion	202 (1993) 216
Comes, F.J., see T. Haas	202 (1993) 108
Conard, J., see A. Messaoudi	202 (1993) 506
Coonan, M.H. and G.L.D. Ritchie, Cotton-Mouton effect, magnetic anisotropy and mo-	
lecular quadrupole moment of acetylene	202 (1993) 237
Costes, M., see C. Naulin	202 (1993) 452
Cramer, C.J., Where is the unpaired electron in the phosphoranyl radicals H ₃ PS ⁻ and	202 (1002) 202
H ₃ PSH?	202 (1993) 297
Cramer, C.J. and D.G. Truhlar, Polarization of the nucleic acid bases in aqueous solution,	202 (1002) 567
Chem. Phys. Letters 198 (1992) 74. Erratum	202 (1993) 567
Cullis, P.G., see P.Y. Yau	202 (1993) 93
Dai Hung, N., see M.M. Martin	202 (1993) 425
Das, R., see S. Mitra	202 (1993) 549
Delhaès, P., see JL. Brousseau	202 (1993) 521
De Lisio, C., see V. Tosa	202 (1993) 555
Depew, M.C., see I.A. Shkrob	202 (1993) 133
Derrick, P.J., see P.Y. Yau	202 (1993) 93
Dillet, V., D. Rinaldi, J.G. Ángyán and JL. Rivail, Reaction field factors for a multipole	
distribution in a cavity surrounded by a continuum	202 (1993) 18
Dorthe, G., see C. Naulin	202 (1993) 452
Dubnova, N., see K. Tokhadze	202 (1993) 87
Dugourd, Ph., see B. Vezin	202 (1993) 209
Duncan, M.A., see J.S. Pilgrim	202 (1993) 203
Durrant, J., see Q. Hong	202 (1993) 183
Ebbesen, T.W., see H. Hiura	202 (1993) 509
Eigenbrot, I.V., see H. Yu	202 (1993) 141
Eisenthal, K.B., see X. Zhao	202 (1993) 513
Embs, F.W., see M. Cha	202 (1993) 44
Even, U., I. Schek and J. Jortner, High-energy cluster-surface collisions	202 (1993) 303

Volume 202, number 6	CHEMICAL PHYSICS LETTERS	5 February 1993
Faigel, G., see K. Kamarás		202 (1993) 325
	nd E.W. Schlag, A theoretical study of laser desorption	, ,
of molecules induced by an ultra		202 (1993) 357
Ferrando, R., R. Spadacini and G.E.	Tommei, Diffusion in a periodic potential in the stro	ong
collision limit		202 (1993) 248
Fielding, H.H., see F. Merkt		202 (1993) 153
	bel, G. Niedner-Schatteburg, K. Müller-Dethlefs a	
	t two-photon zero kinetic energy photoelectron sp	
trum of CS ₂		202 (1993) 542
Florance, S., see G.C. Schatz		202 (1993) 495
Fodor-Csorba, K., see K. Kamarás		202 (1993) 325 202 (1993) 216
Foster, S.C., see K.R. Comer	D.B. Redmond and R.P. Ryan, Possible symmetries	
fullerene structures	7.B. Rediffolia and R.F. Ryan, I ossible symmetries	202 (1993) 371
Fu, KJ., see Y. Zheng		202 (1993) 148
Fueno, H., see K. Aoki		202 (1993) 33
Fujimaki, S., see K. Hiraoka		202 (1993) 167
, , , , , , , , , , , , , , , , , , , ,		,
García-Vela, A., R.B. Gerber, D.G. I	Imre and J.J. Valentini, Quantum resonances and	in-
terference effects in the UV phot	odissociation of Ar-HCl	202 (1993) 473
Gauvin, S., see JL. Brousseau		202 (1993) 521
Gerber, R.B., see A. García-Vela		202 (1993) 473
Gericke, KH., see T. Haas		202 (1993) 108
Ghanem, N., see C. Naulin		202 (1993) 452
Grewer, G., see S.P. Palto		202 (1993) 308
Grotemeyer, J., see B. Fain		202 (1993) 357
Haas, T., KH. Gericke, C. Maul ar	nd F.J. Comes, Photodissociation dynamics of HN	N ₂ .
The N ₃ fragment internal energy		202 (1993) 108
Haas, Y., see E. Zingher		202 (1993) 442
Hadjiev, V.G., see K. Kamarás		202 (1993) 325
Hamaguchi, H., see T. Yuzawa		202 (1993) 221
Hammond, B.L., see J.W.D.M. Carn	neiro	202 (1993) 278
Han, T.P.J., see J.F.H. Nicholls		202 (1993) 560
Handy, N.C., see R.D. Amos		202 (1993) 489
	aser-induced fluorescence measurements of forma	
dehyde in a methane/air diffusion	n flame	202 (1993) 196
Hastings, G., see Q. Hong		202 (1993) 183
Hatanaka, M., see K. Yoshizawa	in the Fr(II)	202 (1993) 483
Hauser, A., Four-wave-mixing	in the Fe(II) spin-crossover syste	
$[Zn_{1-x}Fe_x(ptz)_6](BF_4)_2(ptz=1)$		202 (1993) 173
Heller, E.J. and D. Beck, Nonclassica Henderson, B., see J.F.H. Nicholls	ai Franck-Condon processes	202 (1993) 350 202 (1993) 560
Hernandez Hernandez, M.L., see A.	Laganà	202 (1993) 380
	and S. Yamabe, Proton-held dimer and trimer of ca	
bon disulfide		202 (1993) 167
	aki and H. Takahashi, Raman studies of carbo	
nanotubes		202 (1993) 509
	*	

Volume 202, number 6	CHEMICAL PHYSICS LETTERS	5 February	1993
Hobley, J., see D.J. McGarvey		202 (1993)	528
Hogreve, H., see J. Ackermann		202 (1993)	23
Hong, Q., J. Durrant, G. Hastings, G.	G. Porter and D.R. Klug, Sub-picosecond oscillatory		
phenomena in silica glasses		202 (1993)	183
Hüttner, W., see D.A. Ramsay		202 (1993)	406
Ichihashi, T., see P.M. Ajayan		202 (1993)	384
Ichimura, K. and T. Kobayashi, Ide	ntification and separation of spectral change due to ad transient absorption spectra of polydiacetylene thin	202 (1993)	304
films		202 (1993)	65
Iijima, S., see P.M. Ajayan		202 (1993)	384
Ikejiri, F., see H. Miyasaka		202 (1993)	419
Ikuta, S., see K. Aoki		202 (1993)	
Imre, D.G., see A. García-Vela		202 (1993)	473
Inaba, R., see H. Okamoto		202 (1993)	161
Ishigaki, M., see N. Mikami		202 (1993)	431
Ito, A., see K. Yoshizawa		202 (1993)	483
Jaqué, F., see J.F.H. Nicholls		202 (1993)	560
Jiang, Y., see GY. Li		202 (1993)	
Jortner, J., see U. Even		202 (1993)	
Vamorés V. V.C. Hadiiay C. The	omeon C Bokker V Fodor Coorbo G Foigel and		
	omsen, S. Pekker, K. Fodor-Csorba, G. Faigel and	202 (1993)	225
-	pectra of C ₆₀ ·n-pentane clathrate crystals	202 (1993)	
Keil, M., see L.J. Rawluk	ation of adiabatic ionization potentials of Cs ₂ and Cs ₃	202 (1993)	271
	ing time-of-flight mass spectrometry	202 (1993)	437
	modulation in liquids. Analytical description and	202 (1993)	731
comparison with the stretched ex		202 (1993)	450
Klug, D.R., see Q. Hong	ponential approach	202 (1993)	
Kobayashi, T., see K. Ichimura		202 (1993)	
Kobus, J., Finite-difference versus fi	nite element methods	202 (1993)	
	tio MO calculation of (η^2-C_{60}) Pt(PH ₃) ₂ . Electronic	202 (1773)	,
structure and interaction between		202 (1993)	330
		-02 (1002)	•••
Labastie, P., see B. Vezin		202 (1993)	
Laganà, A., see G.A. Parker		202 (1993)	75
Laganà, A., M.L. Hernandez Hernan potential energy surface of the Na	dez, J.M. Alvariño, L. Castro and P. Palmieri, The $(3^2S_{1/2}) + HF(X^1\Sigma^+)$ reaction	202 (1993)	284
Leblanc, R.M., see JL. Brousseau	(5 51/2) + 111 (11 2) reaction	202 (1993)	
Lee, T.J., see G.C. Schatz		202 (1993)	
Lester Jr., W.A., see J.W.D.M. Carne	eiro	202 (1993)	
	Composite pulse excitation for spin-1 pure nuclear	()	
quadrupole resonance spectroscop		202 (1993)	82
	Xie, Investigation of the 3d Rydberg state of CS ₂ by	()	
multiphoton ionization	,	202 (1993)	115
Li, X.N., see L. Li		202 (1993)	
,,		,	

Lianos, P., Calculation of the rate constant for fluorescence quenching in organized mo-	
lecular assemblies	202 (1993) 471
Lin, J., see Y. Zheng	202 (1993) 148
Lin, S.H., see B. Fain	202 (1993) 357
Lochschmidt, A., see I. Fischer	202 (1993) 542
Lösche, M., see S.P. Palto	202 (1993) 308
Löwdin, PO., see I. Mayer	202 (1993) 1
Luque, J., J. Ruiz and M. Martin, Unequal A-doublet spectral intensities in	
$CH(A^2\Delta \rightarrow X^2\Pi)$ emission obtained in the ArF laser multiphoton dissociation of ketene	202 (1993) 179
Manolopoulos, D.E., see P.W. Fowler	202 (1993) 371
Marconi, G. and P.R. Salvi, Vibronic effects in the MCD spectrum of buckminsterfullerene	202 (1993) 335
Martin, M., see J. Luque	202 (1993) 179
Martin, M.M., P. Plaza, N. Dai Hung, Y.H. Meyer, J. Bourson and B. Valeur, Photoejection of cations from complexes with a crown-ether-linked merocyanine evidenced by	202 (1022) 425
ultrafast spectroscopy	202 (1993) 425
Mataga, N., see H. Miyasaka	202 (1993) 419
Matsuoka, O., L. Pisani and E. Clementi, All-electron Dirac-Fock-Roothaan calculations	202 (1002) 12
on lead oxide	202 (1993) 13
Maul, C., see T. Haas	202 (1993) 108
Mayer, I. and PO. Löwdin, Some comments on the general Hartree-Fock method	202 (1993) 1
Mayne, H.R., see L.J. Rawluk	202 (1993) 291
McGarvey, D.J., F. Wilkinson, D.R. Worrall, J. Hobley and W. Shaikh, Picosecond absorption studies on the role of charge transfer interactions in the mechanism of quench-	
ing of triplet states by molecular oxygen	202 (1993) 528
McNichols, A. and T. Carrington Jr., Vibrational energy levels of formaldehyde calculated	
from an internal coordinate Hamiltonian using the Lanczos algorithm	202 (1993) 464
Medina, A., J.M.M. Roco, S. Velasco and A. Calvo Hernández, Memory and nonadditiv-	
ity effects on the far-infrared spectra of DCl, HCl and HF in liquid SF ₆	202 (1993) 364
Meech, S.R., see M.J.E. Morgenthaler	202 (1993) 57
Merkt, F., H.H. Fielding and T.P. Softley, Electric field effects on zero-kinetic-energy	
photoelectron spectra: an explanation of observed trends	202 (1993) 153
Messaoudi, A., J. Conard, R. Setton and F. Béguin, New intercalation compounds of C ₆₀	
with cesium	202 (1993) 506
Meyer, Y.H., see M.M. Martin	202 (1993) 425
Mielke, Z., see K. Tokhadze	202 (1993) 87
Mikami, N., S. Sato and M. Ishigaki, Stable forms of the phenol-complex cations as re-	
vealed by trapped ion photodissociation spectroscopy	202 (1993) 431
Mikušik, P. and Z. Bastl, PdTi surface alloy formation at room temperature: its indication	
by electronic relaxation processes as evidenced in Pd(CVV) Auger spectra	202 (1993) 315
Mitra, S., R. Das and S. Mukherjee, Intramolecular proton transfer in the first-excited	
electronic states of 4-methyl-2,6-diformyl phenol in some hydrocarbon solvents	202 (1993) 549
Mittler-Neher, S., see M. Cha	202 (1993) 44
Miyasaka, H., F. Ikejiri and N. Mataga, Picosecond 266 nm laser photolysis studies on the excimer formation process of polystyrene in solution. Effects of temperature and degree	
of polymerization on the formation time constants	202 (1993) 419

Morgenthaler, M.J.E. and S.R. Meech, Picosecond dynamics of torsional motion in malachite green adsorbed on silica. A time-resolved surface second harmonic generation	
study	202 (1993) 57
Morokuma, K., see N. Koga	202 (1993) 330
Moudden, Z., see C. Naulin	202 (1993) 452
Mukherjee, S., see S. Mitra	202 (1993) 549
Müller-Dethlefs, K., see I. Fischer	202 (1993) 542
Murray, C.W., see R.D. Amos	202 (1993) 489
Myers, A.B., see C. Westerfield	202 (1993) 409
Naulin, C., M. Costes, Z. Moudden, N. Ghanem and G. Dorthe, The dissociation energy	
of the SiN radical determined from a crossed molecular beam study of the	
$Si + N_2O \rightarrow SiN + NO$ reaction	202 (1993) 452
Neher, D., see M. Cha	202 (1993) 44
Nicholls, J.F.H., T.P.J. Han, B. Henderson and F. Jaqué, Charge compensation and site-	
selective luminescence of Cr ³⁺ :LiNbO ₃	202 (1993) 560
Niedner-Schatteburg, G., see I. Fischer	202 (1993) 542
Nomura, O., see K. Aoki	202 (1993) 33
Okada, M., see K. Tanaka	202 (1993) 394
Okahara, K., see K. Tanaka	202 (1993) 394
Okamoto, H., R. Inaba, K. Yoshihara and M. Tasumi, Femtosecond time-resolved polar-	
ized coherent anti-Stokes Raman studies on reorientational relaxation in benzonitrile	202 (1993) 161
Ong, S., see X. Zhao	202 (1993) 513
Östling, D. and A. Rosén, Electronic properties of the C ₆₀ molecule doped with potassium	202 (1993) 389
Ouhlal, A., A. Selmani, A. Yelon and M. Andrews, Chemical bonding of copper and chro-	
mium at the carbonyl group of acetone	202 (1993) 51
Pack, R.T, see G.A. Parker	202 (1993) 75
Palmieri, P., see A. Laganà	202 (1993) 284
Palto, S.P., L.M. Blinov, S.G. Yudin, G. Grewer, M. Schönhoff and M. Lösche, Photoin-	,
duced optical anisotropy in organic molecular films controlled by an electric field Pandian, R.P., T.K. Chandrashekar and H. Van Willigen, Photoexcited triplet ESR studies	202 (1993) 308
on thiaporphyrins and their protonated derivatives	202 (1993) 127
Parker, G.A., R.T Pack and A. Laganà, Accurate 3D quantum reactive probabilities of	202 (1))) 121
Li+FH	202 (1993) 75
Pekker, S., see K. Kamarás	202 (1993) 325
Perchenek, N., see U. Strauss	202 (1993) 415
Phillips, D., see H. Yu	202 (1993) 141
Pilgrim, J.S., D.L. Robbins and M.A. Duncan, Photoionization electronic spectroscopy of	
AlOH Picani I can O Matauaka	202 (1993) 203
Pisani, L., see O. Matsuoka	202 (1993) 13
Piskarskas, A., see R. Rotomskis	202 (1993) 233
Plaza, P., see M.M. Martin	202 (1993) 425
Porter, G., see Q. Hong	202 (1993) 183
Queisser, H.J., see U. Strauss	202 (1993) 415

Ramsay, D.A., M. Barnett and W. Hüttner, Identification of triplet levels by Zeeman stud-	
ies of microwave-optical double resonance in the $\tilde{A}^{1}A_{2}-\tilde{X}^{1}A_{1}$ system of	
thioformaldehyde	202 (1993) 406
Ratajczak, H., see K. Tokhadze	202 (1993) 87
Rawluk, L.J., M. Keil, M.H. Alexander, H.R. Mayne and J.J.C. Barrett, Quantum effects	
in the inelastic scattering of HF and DF by argon	202 (1993) 291
Rayane, D., see B. Vezin	202 (1993) 209
Reddy, D., T.K. Chandrashekar and H. Van Willigen, Short-chain basket handle por-	202 (1002) 120
phyrins: singlet and triplet excited state properties	202 (1993) 120
Redmond, D.B., see P.W. Fowler	202 (1993) 371
Rinaldi, D., see V. Dillet	202 (1993) 18
Ritchie, G.L.D., see M.H. Coonan	202 (1993) 237
Rivail, JL., see V. Dillet	202 (1993) 18
Robbins, D.L., see J.S. Pilgrim	202 (1993) 203
Roco, J.M.M., see A. Medina	202 (1993) 364
Rosén, A., see D. Östling	202 (1993) 389
Rossky, P.J., see WS. Sheu	202 (1993) 186
Rotomskis, R., V. Vaičaitis and A. Piskarskas, Time-resolved absorption spectroscopy of	
hematoporphyrin and its photoproducts	202 (1993) 233
Rowe, J.E., see G.K. Wertheim	202 (1993) 320
Rühle, W.W., see U. Strauss	202 (1993) 415
Ruiz, J., see J. Luque	202 (1993) 179
Ryan, R.P., see P.W. Fowler	202 (1993) 371
Salvi P.R. see G. Marconi	202 (1993) 335
Salvi, P.R., see G. Marconi	202 (1993) 335 202 (1993) 431
Sato, S., see N. Mikami	202 (1993) 335 202 (1993) 431
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy	202 (1993) 431
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra	202 (1993) 431 202 (1993) 495
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even	202 (1993) 431 202 (1993) 495 202 (1993) 303
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379 202 (1993) 278
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379 202 (1993) 278 202 (1993) 51
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379 202 (1993) 278 202 (1993) 51 202 (1993) 506
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI Simulation of IHI- photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528 202 (1993) 148
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI Simulation of IHI- photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 379 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng Sheu, WS. and P.J. Rossky, The electronic dynamics of photoexcited aqueous iodide	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528 202 (1993) 148
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng Sheu, WS. and P.J. Rossky, The electronic dynamics of photoexcited aqueous iodide Shin, H.K., Negative temperature dependence of vibrational energy transfer in H ₂ O-H ₂ O	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 51 202 (1993) 528 202 (1993) 148 202 (1993) 148 202 (1993) 186
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng Sheu, WS. and P.J. Rossky, The electronic dynamics of photoexcited aqueous iodide Shin, H.K., Negative temperature dependence of vibrational energy transfer in H ₂ O-H ₂ O collisions	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528 202 (1993) 148 202 (1993) 186 202 (1993) 186
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI Simulation of IHI- photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng Sheu, WS. and P.J. Rossky, The electronic dynamics of photoexcited aqueous iodide Shin, H.K., Negative temperature dependence of vibrational energy transfer in H ₂ O-H ₂ O collisions Shizuka, H., see M. Yamaji	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 506 202 (1993) 528 202 (1993) 148 202 (1993) 186 202 (1993) 186
Sato, S., see N. Mikami Schatz, G.C., S. Florance, T.J. Lee and C.W. Bauschlicher Jr., Ab initio potential energy surface for IHI ⁻ . Simulation of IHI ⁻ photodetachment spectra Schek, I., see U. Even Schlag, E.W., see B. Fain Schmidt, R., see J. Bendig Schönhoff, M., see S.P. Palto Schulte, J., see M.C. Böhm Schweighofer, K.J. and I. Benjamin, Dynamics of ion desorption from the liquid-vapor interface of water Seidl, P.R., see J.W.D.M. Carneiro Selmani, A., see A. Ouhlal Setton, R., see A. Messaoudi Shaikh, W., see D.J. McGarvey She, Y., see Y. Zheng Sheu, WS. and P.J. Rossky, The electronic dynamics of photoexcited aqueous iodide Shin, H.K., Negative temperature dependence of vibrational energy transfer in H ₂ O-H ₂ O collisions Shizuka, H., see M. Yamaji Shkrob, I.A., M.C. Depew and J.K.S. Wan, Time-resolved electron spin resonance study	202 (1993) 431 202 (1993) 495 202 (1993) 303 202 (1993) 357 202 (1993) 535 202 (1993) 308 202 (1993) 37 202 (1993) 37 202 (1993) 278 202 (1993) 51 202 (1993) 51 202 (1993) 506 202 (1993) 528 202 (1993) 148 202 (1993) 186 202 (1993) 186 202 (1993) 186

Volume 202, number 6	CHEMICAL PHYSICS LETTERS	5 February	1993
Smyth, K.C., see J.E. Harrington		202 (1993)	196
Softley, T.P., see F. Merkt		202 (1993)	
Soto, M.M., see J.W.D.M. Carneiro		202 (1993)	
Spadacini, R., see R. Ferrando		202 (1993)	
Stegeman, G., see M. Cha		202 (1993)	
Strauss, U., N. Perchenek, W.W. Rühle	e, H.J. Queisser and A. Simon, Excited singlet states		
of molybdenum chloride clusters		202 (1993)	
Strobel, A., see I. Fischer		202 (1993)	542
	reorganization by time-resolved photoelectron		
spectroscopy		202 (1993)	227
Taft, C.A., see J.W.D.M. Carneiro		202 (1993)	278
Takahashi, H., see T. Yuzawa		202 (1993)	221
Takahashi, H., see H. Hiura		202 (1993)	509
Tanaka, H., The stability of Xe and C	F ₄ clathrate hydrates. Vibrational frequency mod-		
ulation and cage distortion		202 (1993)	345
Tanaka, K., M. Okada, K. Okahara an	d T. Yamabe, Electronic structure of C ₇₀	202 (1993)	394
Tanaka, K., see K. Yoshizawa		202 (1993)	483
Tanaka, T., see M. Yamaji		202 (1993)	191
Tanigaki, K., see H. Hiura		202 (1993)	509
Tasumi, M., see H. Okamoto		202 (1993)	161
Tegze, M., see K. Kamarás		202 (1993)	325
	tics of bimolecular reactions. Effect of anharmon-	202 (1002)	242
icity on the rate law		202 (1993)	
Thomsen, C., see K. Kamarás		202 (1993)	
Tian, K., see JL. Brousseau	M W' ' I I II I I I I I I I I I I I I I I	202 (1993)	521
	M. Wierzejewska-Hnat and H. Ratajczak, The evo- NHF, CH ₃ CNHF complexes on transition from		
gas to liquid state		202 (1993)	87
Tommei, G.E., see R. Ferrando		202 (1993)	248
Tosa, V., C. De Lisio and R. Bruzzese,	Failure of the linear mixture rule in the vibrational		
relaxation of CF ₂ HCl in argon		202 (1993) :	555
Tostes, J.G.R., see J.W.D.M. Carneiro		202 (1993)	278
Truhlar, D.G., see C.J. Cramer		202 (1993) :	567
Utrera, L., see M.C. Böhm		202 (1993)	37
Vaičaitis, V., see R. Rotomskis		202 (1993) 2	233
Valentini, J.J., see A. García-Vela		202 (1993) 4	473
Valeur, B., see M.M. Martin		202 (1993) 4	425
	existence of fcc and hcp phases of C ₆₀ "	202 (1993) 3	341
Van Willigen, H., see D. Reddy		202 (1993) 1	120
Van Willigen, H., see R.P. Pandian		202 (1993) 1	127
Velasco, S., see A. Medina		202 (1993) 3	364
Ventura, O.N., see E.L. Coitiño		202 (1993) 4	479
Vezin, B., Ph. Dugourd, D. Rayane, P. I cited state of Li ₂ H	Labastie and M. Broyer, First observation of an ex-	202 (1993) 2	209

Volume 202, number 6	CHEMICAL PHYSICS LETTERS	5 February 1	1993
Vuorimäki, A.H., Fluorine spin diffusion	and relaxation in CF ₃ COOAg	202 (1993)	253
Wan, J.K.S., see I.A. Shkrob		202 (1993)	133
Wang, H., see N.C. Baird		202 (1993)	
Wang, W., see Y. Zheng		202 (1993)	
Wang, X.T., see L. Li		202 (1993)	
Werst, D.W., Solvent effects in nonpolar	solvents: radical anion reactions	202 (1993)	
	.E. Rowe, Bulk and surface phases of Na _x C ₆₀	202 (1993) 3	320
	state of cis-hexatriene vapor: resonance Raman		
spectra		202 (1993)	409
Wierzejewska-Hnat, M., see K. Tokhadze		202 (1993)	87
Wilkinson, F., see D.J. McGarvey		202 (1993) 5	528
Worrall, D.R., see D.J. McGarvey		202 (1993) 5	528
Wu, XW., see GY. Li		202 (1993)	82
Xie, X.B., see L. Li		202 (1993) 1	115
Yamabe, S., see K. Hiraoka		202 (1993) 1	167
Yamabe, T., see K. Tanaka		202 (1993) 3	
Yamabe, T., see K. Yoshizawa		202 (1993) 4	
Yamaji, M., T. Tanaka and H. Shizuka, S action competing with hydrogen atom	olvent dependence of triplet energy transfer re- abstraction between triplet benzophenone and		
1-naphthol studied by laser flash photo		202 (1993) 1	191
	V. Colburn and P.J. Derrick, Threshold fluences		
	e ions in matrix-assisted laser desorption/ioni-	202 (1002)	0.2
sation using liquid and solid matrices		,	93
Yelon, A., see A. Ouhlal		202 (1993) 202 (1993) 1	
Yoshihara, K., see H. Okamoto Yoshihara, K., see B. Kim		202 (1993) 4	
	Tanaka and T. Yamabe, Quartet states of non-	202 (1993) 4	131
	nzene and 1,3,5-triaminobenzene trication	202 (1993) 4	183
	Phillips, Laser-induced fluorescence spectros-	202 (1993) 4	103
	a weakly bonded carbazole-benzene complex	202 (1993) 1	41
Yudin, S.G., see S.P. Palto		202 (1993) 3	
Yuzawa, T., H. Takahashi and H. Hamagud	chi, Submicrosecond time-resolved infrared study	,	
on the structure of the photoinduced tran	nsient species of salicylideneaniline in acetonitrile	202 (1993) 2	221
Zain, S.M., see H. Yu		202 (1993) 1	41
	arization of water molecules at a charged inter-		
Zheng, Y., W. Wang, J. Lin, Y. She and	ged monolayers at the air/water interface KJ. Fu, The observation of gas-phase carbon	202 (1993) 5	13
	etics and bond energy for reaction of CO ₂ with	202 (1002) 1	10
	lexes. A multiphoton ionization study of the 1-	202 (1993) 1	48
cyanonaphthalene-triethylamine system	n		